

TOOELE CHEMICAL AGENT DISPOSAL FACILITY



(above left) This before photo shows the several support buildings that have now been removed from the Area 10 Liquid Incinerator (ATLIC) site, including the Electrical Equipment Enclosure and Control Center. (above right) The remaining enclosure, which houses the ATLIC Pollution Abatement System, is scheduled to be demolished in spring 2014. (below) URS workers load one of three monitoring trailers onto a flatbed trailer and prepped it to be returned to the contractor that was it leased from.

Closure of Area 10 facilities near completion

The end is in sight for closure activities within the depot's storage area. Workers have finished emptying and cleaning the few storage igloos that were used to support a variety of operations—including the Area 10 Liquid Incinerator (ATLIC), secondary waste sorting operations and the Autoclave, the secondary waste treatment system. In addition, several support buildings, such as office trailers and monitoring houses, have been removed from the site.

Only a small amount of work remains as URS employ-
(See Area 10 closure page 2)

TOCDF demolition contract awarded

Officials at the Tooele Chemical Agent Disposal Facility (TOCDF) completed the selection process for the demolition subcontract, which was awarded to Envirocon. The company is based in Missoula, Mont. and has several locations across North America.

As one of four companies to bid on the TOCDF demolition contract, the award to Envirocon was fully executed on August 9, 2013. As a self-performing contractor, they will conduct work activities using their own work control program for the TOCDF demolition activities with URS providing direct oversight for the project.

"The selection process involved a thorough review of



several qualifying factors," explained URS Acquisition Contracts Manager Sandy Dare, "including various plans and procedures, safety records, past performance and required credentials, just to name a few."

Founded in 1988, Envirocon has completed more than 2,800 various projects, including environmental remediation, decontamination, decommissioning and demolition activities. Additionally, Envirocon brings experience from a demolition project at a former chemical warfare facility in Colo.— Rocky Mountain Arsenal, which was established in 1942 as a chemical weapons production facility.

Before demolition activities can begin, the 13 planned Unventilated Monitoring Tests must be successfully completed. In addition, URS workers will also decontaminate and decommission the exhaust ducts from the Munitions Demilitarization Building. TOCDF demolition activities are expected to begin in early 2014.

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(top) The autoclave system and a few support beams were all that remained in the igloo last month. (bottom) Workers have since removed the beams, autoclave and remaining electrical equipment.

Area 10 closure

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ees will finish removing conduit from the igloo that supported Autoclave operations. In addition, the remaining support trailers are expected to be removed by November.

While the storage igloos will be turned over to TEAD, there are two structures—the filter system that supported secondary waste operations and the ATLIC Pollution Abatement System—that are slated for demolition. Demolition activities are anticipated to begin in spring 2014.

Only two Unventilated Monitoring Tests to go

Eleven of 13 TOCDF UMTs complete

As expected, Tooele Chemical Agent Disposal Facility (TOCDF) workers are breezing through the Unventilated Monitoring Tests (UMTs). In the last month, they successfully completed another eight, bringing the running total to 11—leaving only two more to accomplish (see UMT table for list of completed areas).

“So far, the most complicated UMTs have been the Explosive Containment Vestibule/Upper Munitions Corridor and the Lower Munitions Corridor/Liquid Incinerator Vestibule areas”,

explained Steve Brow, TOCDF Project Manager. “Mainly because these areas are the largest and have a lot of entry and exit points, which make it very complex to isolate from surrounding areas and get the proper air circulation.”

The UMTs are being conducted in each toxic area of the facility to monitor for chemical agent contamination. All 13 areas are required to pass the UMT in order for the facility to be razed.

The remaining two UMTs are scheduled to be finished by the end of August. Following the UMTs, TOCDF workers will prepare to perform head space monitoring in the plants exhaust duct, which is essentially a UMT for the ducting. After the UMT and exhaust duct headspace monitoring are complete, TOCDF workers will start decontaminating and decommissioning the last four MDB exhaust filter units.

Status of TOCDF's Unventilated Monitoring Tests (UMT)

There are 13 rooms/zones within the TOCDF's Munitions Demilitarization Building that require a UMT, which monitors the potentially agent-contaminated areas. Each area/zone will undergo an independent UMT. The UMT is the final verification that agent hazards have been properly mitigated and the facility is ready for demolition.

Area/Zone	Status
Explosive Containment Room (ECR) – A	COMPLETE
ECR – B	COMPLETE
Liquid Incinerator (LIC) 1 Primary Room	COMPLETE
LIC 2 Primary and Secondary Rooms	COMPLETE
Deactivation Furnace System Room	COMPLETE
Buffer Storage Area	COMPLETE
Toxic Cubicle and Spent Decontamination System Room	COMPLETE
Munitions Processing Bay	Not Started
Explosive Containment Vestibule and Upper Munitions Corridor	COMPLETE
Lower Munitions Corridor and LIC Vestibule	COMPLETE
Toxic Maintenance Area (TMA), TMA Decontamination (Decon) Area, and Decon Vestibule	COMPLETE
Metal Parts Furnace Room	Not Started
Equipment Hydraulic Module Room	COMPLETE

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